



**PATENT**

Case Docket No. NATURES.018A

Date: May 28, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s)	:	Peter T. McCarthy
Appl. No.	:	09/852,155
Filed	:	May 9, 2001
For	:	METHODS FOR CREATING LARGE SCALE FOCUSED BLADE DEFLECTIONS
Group Art Unit	:	3617
Examiner	:	Swinehart, Edwin L.

**REQUEST FOR CLARIFICATION REGARDING REFERENCES CONSIDERED BY  
EXAMINER**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

Applicant respectfully requests the Examiner to clarify that he has considered the references cited by Applicant in the following Information Disclosure Statements (copies attached) during the prosecution of the present application, by mailing to Applicant "signed-off" copies of the PTO-1449 forms included therein:

- 1) The Information Disclosure Statement mailed on October 8, 2001
- 2) The Information Disclosure Statement mailed on January 17, 2002
- 3) The Information Disclosure Statement mailed on March 8, 2002.

PATENT

Case Docket No. NATURES.018A

Date: May 28, 2004

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Applicant presumes that the Examiner has considered the references cited in these IDS's, as the Examiner relied on some of the cited references in rejecting certain claims of this application, without citing any references himself on a form PTO-892. The references cited by Applicant and relied on by the Examiner include Great Britain '765 (cited in the IDS mailed on January 17, 2002) and Takizawa (cited in the IDS mailed on October 8, 2001).

Applicant respectfully requests the Examiner to mail the signed-off PTO-1449 forms to the undersigned Attorney of Record, or to fax them to the attention of said Attorney at 949-760-9502.

May 28, 2004  
Date

Mark Kertz  
Mark J. Kertz  
Registration No. 43,711  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

H:\DOCS\MJK\MJK-7384.DOC  
052804

COPY

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Peter T. McCarthy ) Group Art Unit 3617  
App. No. : 09/852,155 )  
Filed : May 9, 2001 )  
For : METHODS FOR CREATING )  
LARGE SCALE FOCUSED )  
BLADE DEFLECTIONS )  
Examiner : Unknown )

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

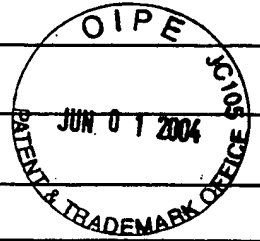
Dated: 1/17/02

By: [Signature]

Mark J. Kertz  
Registration No. 43,711  
Attorney of Record  
620 Newport Center Drive  
Sixteenth Floor  
Newport Beach, CA 92660  
(949) 760-0404

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A	APPLICATION NO. 09/852,155
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE May 9, 2001	GROUP 3617

COPY



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,810,629	9/22/98	Parr			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2 543 841	April 5, 1983	France				
		1284765	Aug.9, 1972	Great Britain				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						

H:\DOCS\MJK\MJK-3619.DOC  
011602

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

COPY

UTILITY/DESIGN PATENT

DATE: 1/17/02

(amend/final amend)

DATE OF O.A.: \_\_\_\_\_

Rec'd in the U.S.P.T.O. on the date stamped hereon via Certificate of Mail:

Atty Dkt # Natures.0187 Ser. # 09/852155

Filed: 5/9/01

Exr: \_\_\_\_\_ Atty: MJK

Art Unit: 3617

Applicant(s): McCarthy

Title: METHODS FOR CREATING LARGE SCALE . . . .

VERIFIED BY: Asst: I. Phillips Quality Control: D.S.

☒ Transmittal Sheet XXXXXX

☒ Amendment in 27 pgs. prelim.

☐ \_\_\_\_\_ Mo. Ext. of Time in 12 months

☒ Small Entity Statement(s) \_\_\_\_\_

☐ Req. for Drawing Changes marked in RED

☐ Submission of Formal Drawings

\_\_\_\_\_ pgs of Drawings

☐ Transmittal

☒ Information Disclosure Statement (S.A.)

☐ \_\_\_\_\_ pgs of Formal Drawings

PTO-1449 w/ 3 Refs.

☒ \$ 882 Check for Amendment

☐ Issue Fee Transmittal in dupl.

☐ \$ \_\_\_\_\_ Issue Fee Soft Copies

☐ \_\_\_\_\_

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☒ Return Postcard

COPY

PATENT

Case Docket No. NATURES.018A

Date: October 8, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Peter T. McCarthy  
Appl. No. : 09/852,155  
Filed : May 9, 2001  
For : METHODS FOR CREATING  
LARGE SCALE FOCUSED  
BLADE DEFLECTIONS  
Examiner : Unknown  
Group Art Unit : 3617

I hereby certify that this correspondence and all  
marked attachments are being deposited with the  
United States Postal Service as first class mail in  
an envelope addressed to: Assistant Commissioner  
for Patents, Washington, D.C. 20231, on

October 8, 2001

(Date)

Mark J. Kertz, Reg. No. 42,711

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231  
ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 129 (cited only) references, and copies of 2 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Mark J. Kertz  
Registration No. 42,711  
Attorney of Record

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Peter T. McCarthy	)	Group Art Unit 3617
			)	
App. No.	:	09/852,155	)	
			)	
Filed	:	May 9, 2001	)	
			)	
For	:	METHODS FOR CREATING	)	
		LARGE SCALE FOCUSED	)	
		BLADE DEFLECTIONS	)	
			)	
Examiner	:	Unknown	)	
			)	

---

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing various references. Except for the enclosed references these references were of record in Patent Application No. 09/311,505 (attorney docket No. NATURES.015A) filed May 13, 1999, and Patent Application No. 09/630,374 (attorney docket No. NATURES.015C1) filed August 1, 2000, to which priority is claimed under 35 U.S.C. § 120. Therefore, under 37 C.F.R. § 1.98(d) no copies of these references need to be submitted. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the

Appl. No. : 09/852,153  
Filed : May 9, 2001

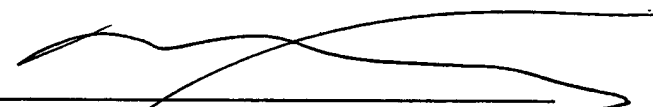
COPY

Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/8/01

By:   
Mark J. Kertz  
Registration No. 43,711  
Attorney of Record  
620 Newport Center Drive  
Sixteenth Floor  
Newport Beach, CA 92660  
(949) 760-0404

H:\DOCS\MJK\MJK-3193.DOC:ip/100401



COPY

SHEET 1 OF 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NATURES.018AAPPLICATION NO.  
09/852,155INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Peter T. McCarthyFILING DATE  
May 9, 2001GROUP  
3617

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5384	11/15/1883	Heathorn			
		5,384	12/4/1847	R.A. Tilghman			
		144,538	11/11,1873	Harsen			
		169,396	11/2/1875	O.G. Ahlstrom			
		234,305	05/28/25	Bovey			
		476,092	12/01/37	Valente			
		783,012	02/21/05	Biedermann et al.			
		<del>787,291</del>	unknown	Michiels			
		871,059	11/12/07	Douse			
		998,146	07/18/11	Alfier et al.			
		1,324,722	12/11/1917	William Bergin			
		1,607,857	5/27/1928	F. Zukal			
		1,684,714	08/12/27	Perry			
		2,241,305	02/27/39	Hill, Jr.			
		2,321,009	9/27/1940	O.P. Churchill			
		2,343,468		Messinger			
		2,423,571	07/08/47	Wilen			
		2,588,363	03/11/52	Corlieu			
		2,850,487	9/2/1958	Gaetano F. D'Alello			
		2,865,033	12/23/1958	D.L. Jayet			
		2,889,563	6/9/1959	E.W. Lamb, et. al.			
		2,903,719	9/15/1959	J.L. Wozencraft			
		2,950,487	08/30/60	Woods			
		3,019,458	2/6/1962	E. De Barbieri, et. al.			
		3,055,025	9/25/1962	L. Ferraro, et. al.			
		3,082,442	1959	Cousteau, et al.			

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

**COPY**

SHEET 2 OF 8

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	<b>ATTY. DOCKET NO.</b> NATURES.018A	<b>APPLICATION NO.</b> 09/852,155
	<b>APPLICANT</b> Peter T. McCarthy	
	<b>FILING DATE</b> May 9, 2001	<b>GROUP</b> 3617

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	3,084,355	04/09/63	Ciccotelli			
	3,086,492	04/23/63	Holley			
	3,112,503	12/3/1963	B.B. Girden			
	3,171,142		Auzols			
	3,239,857	3/15/1966	Frederick H. Gwynne			
	3,256,540		Novelli			
	3,411,165	11/19/68	Murdoch			
	3,422,470	01/21/69	Mares			
	3,453,981	07/08/69	Gause			
	3,491,997	01/27/70	Winters			
	3,665,535	5/30/1972	Picken			
	3,773,011	11/20/73	Gronier			
	3,922,741	12/02/75	Semeia			
	3,934,290	01/27/76	Le Vasseur			
	4,007,506	2/15/1977	Rasmussen			
	4,025,977	5/31/1977	Cronin			
	4,083,071	04/11/78	Forjot			
	4,193,371	03/18/80	Baulard-Caugan			
	4,197,869	04/15/80	Moncrieff-Yeates			
	4,209,866	7/1/1980	Loeffler			
	4,342,558	08/03/82	Wilson			
	4,521,220	06/04/85	Schoofs			
	4,541,810	09/17/85	Wenzel			
	4,657,515	4/14/1987	Ciccotelli			
	4,689,029	8/25/1987	Ciccotelli			
	4,738,845	04/19/88	Garofalo			

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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FORM PTO-1449

**COPY**  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
NATURES.018AAPPLICATION NO.  
09/852,155

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Peter T. McCarthy

FILING DATE  
May 9, 2001

GROUP  
3817

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	4,752,259	6/21/1988	Tackett, et. al.			
	4,773,885	9/27/1988	Ciccotelli			
	4,775,343	10/4/1988	Lamont, et. al.			
	4,781,637	11/01/88	Caires			
	4,820,218	04/11/89	Van de Pol			
	4,857,024	08/15/89	Evans			
	4,869,696	9/26/1989	Ciccotelli			
	4,895,537	1/23/1990	Ciccotelli			
	4,929,206	5/29/1990	Evans			
	4,934,971	06/19/90	Picken			
	4,940,437	07/10/90	Platt			
	4,944,703	07/31/90	Mosier			
	4,954,111	09/04/90	Cressi			
	4,954,112	09/04/90	Negrini et al.			
	5,163,859	11/17/92	Beltrani, et al.			
	5,304,081	4/19/1994	Takizawa			
	5,324,219	06/28/94	Beltrani et al.			
	5,358,323	10/18/94	Evans			
	5,358,323	10/25/94	Ripley			
	5,358,439	10/25/1994	Paolo			
	5,387,145	2/7/1995	Wagner			
	5,417,599	05/23/95	Evans			
	5,429,536	7/4/1995	Evans			
	5,435,764	7/25/1995	Testa, et. al.			
	5,443,593	8/22/1995	Garofalo			
	5,522,748	6/4/1996	Cressi			

EXAMINER

DATE CONSIDERED

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FORM PTO-1449

**COPY**DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NATURES.018AAPPLICATION NO.  
09/852,155INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Peter T. McCarthyFILING DATE  
May 9, 2001GROUP  
3617

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,527,197	6/18/1996	Evans			
		5,533,918	7/9/1996	Sanders			
		5,595,518	1/21/1997	Ours			
		5,597,336	1/28/1997	Evans			
		5,746,631	5/5/1998	McCarthy			
		6,050,868	4/18/00	McCarthy			
		6,095,879	8/2000	McCarthy			
		6,126,503	10/3/00	Viale, et al.			
		Des. 278,165	3/26/1985	Evans			
		Des. 302,999	8/22/1989	McCredie			
		Des. 327,933	7/14/1992	Evans			
		Des. 327,934	7/14/1992	Evans			
		Des. 327,935	7/14/1992	Evans			
		Des. 328,118	7/21/1992	Evans			
		Des. 340,272	10/12/1993	Evans			
		Des. 353,181	12/6/1994	Evans			
		Des. 393,684	4/21/1998	Lin			
		Des. 396,897	8/11/1998	Evans			
		Des. 404,456	1/19/1999	Evans			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		1501208	Nov 1967	France			YES	NO

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A	APPLICATION NO. 09/852,155
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		COPY	
		APPLICANT Peter T. McCarthy	
		FILING DATE May 9, 2001	GROUP 3617

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		DD 259 353 A	08/24/88	Germany				
		FR 2574 748 A	06/20/86	France				
		JP62 134395	06/17/87	Japan				
		SU 1323 463 A	03/13/86	Soviet Union				
		625377	09/19/61	Italy				
		0 308 998	03/29/89	Europe				
		DE 3438808	04/24/86	Germany				
		2 058 941	1971	France				
		2 213 072	1974	France				
		625377	09/19/61	ITALY (with Certified Translation)			X	
		1.245.395	9/26/60	FRANCE (with Certified Translation)			X	
		17,033	1890	England				
		787,291	1935	France				
		1,245,395	1960	France				
		553307	1956	Italy				
		61-6097	1986	Japan				
		1,075 997	1960	Germany				
		1,075 997	1960	Germany (with Certified Translation)			X	
		1,208,636	1959	France				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Rossier, Robert N., entitled, "Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
	"3302 of 1880" (Picture From Book-Found in US PTO)

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A  <div style="font-size: 48px; text-align: center; font-weight: bold;">COPY</div>	APPLICATION NO. 09/852,155  APPLICANT Peter T. McCarthy  FILING DATE May 9, 2001  GROUP 3817
--	--	---	--

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	"Test Dive" Article in Jan/Feb 1996 issue of <i>Sport Diver Magazine</i>
	"Oceanic V-Drive Fins" in May/Jun. 1996 Issue of <i>Sport Diver Magazine</i>
	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, <i>Aerospace America</i> .
	"BZ" bodysurfing fin (Picture), 1 <sup>st</sup> production in 1990
	"Blade Pro" bodysurfing fin (Picture), 1 <sup>st</sup> production 1991
	"Wave Rebel" bodysurfing fin (Picture), 1 <sup>st</sup> production 1994
	Art. 1400 Pinna "Professional" Fin (1989)

EXAMINER	DATE CONSIDERED
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COPY

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UTILITY/DESIGN PATENT

(miscellaneous)

Date: 10/8/01

Rec'd in the U.S.P.T.O. on the date stamped hereon via Certificate of Mail:

Atty. Dkt. # NATURES.018A A/N 09/852,155 Filed: 5/9/01

Pat. # \_\_\_\_\_ Issued: \_\_\_\_\_ Atty: MJK

Exr. # \_\_\_\_\_ Batch #: \_\_\_\_\_ Art Unit: 3617

Applicant: McCarthy Title: METHODS FOR CREATING . . .

VERIFIED BY: Asst: I. Phillips Quality Control: SCM

☐ Notice of Appeal in Duplicate

☒ Transmittal ~~AND DISCLOSURE~~

☐ Appeal Brief in \_\_\_\_\_ pgs. in Triplicate

☐ \$ \_\_\_\_\_ Check for Appeal

☐ \$ \_\_\_\_\_ Check for Oral hearing

☐ Maintenance Fee Transmittal in Duplicate

☐ \$ \_\_\_\_\_ Check for Maintenance Fee

☒ Return Postcard

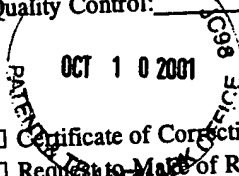
☐ Certificate of Correction in Duplicate

☐ Request to Mark of Record Noted Errors

☒ IDS

PTO FORM 1449 129 (cited)

AND 2 copies of refs.



COPY

PATENT

Case Docket No. NATURES.018A

Date: March 8, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Peter T. McCarthy

Appl. No. : 09/852,155

Filed : May 9, 2001

For : METHODS FOR CREATING  
LARGE SCALE FOCUSED  
BLADE DEFLECTIONS

Examiner : Unknown

Group Art Unit : 3617

) I hereby certify that this correspondence and all marked  
) attachments are being deposited with the United States  
) Postal Service as first class mail in an envelope  
) addressed to: United States Patent and Trademark  
) Office, P.O. Box 2327, Arlington, VA 22202, on

March 8, 2002

(Date)

Mark J. Kertz, Reg. No. 43,711

TRANSMITTAL LETTER

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) A Second Supplemental Information Disclosure Statement.
- (X) A PTO Form 1449 with 2 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Mark J. Kertz  
Registration No. 43,711  
Attorney of Record



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Peter T. McCarthy	)	Group Art Unit 3617
			)	
App. No.	:	09/852,155	)	
			)	
Filed	:	May 9, 2001	)	
			)	
For	:	METHODS FOR CREATING	)	
		LARGE SCALE FOCUSED	)	
		BLADE DEFLECTIONS	)	
			)	
Examiner	:	Unknown	)	
			)	

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Supplemental Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

RELATED PENDING APPLICATIONS

The following co-pending applications are related to the present application:

<u>SERIAL NO.</u>	<u>FILING DATE</u>	<u>TITLE</u>	<u>ATTY. DOCKET NO.</u>
09/713,110	11/14/00	High Efficiency Hydrofoil and Swim Fin Designs	NATURES.003C3

COPY

Appl. No. : 09/852,055  
Filed : May 9, 2001

09/776,495	2/1/01	High Efficiency Hydrofoil and Swim Fin Designs	NATURES.003C4
10/039,001	1/4/02	High Efficiency Hydrofoil and Swim Fin Designs	NATURES.003C5
10/039,422	1/4/02	High Efficiency Hydrofoil and Swim Fin Designs	NATURES.003C6
Unknown	3/5/02	High Efficiency Hydrofoil and Swim Fin Designs	NATURES.003C7
09/630,374	8/1/00	Methods for Creating Consistent Large Scale Blade Deflections	NATURES.015C1
10/035,758	12/28/01	Methods for Creating Large Scale Focused Blade Deflections	NATURES.015C2

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 8, 2002

By: 

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A	APPLICATION NO. 09/852,155
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		<div style="text-align: center; font-size: 2em; font-weight: bold;">COPY</div>	
		APPLICANT Peter T. McCarthy	
		FILING DATE May 9, 2001	GROUP 3817

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		6,146,224	11/14/00	McCarthy			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2 543,841	April 5, 1983	France (certified translation)			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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UTILITY/DESIGN PATENT

(miscellaneous)

Date: 3/8/02

Date of O.A.:

Rec'd in the U.S.P.T.O. on the date stamped hereon via Certificate of Mail:

Atty. Dkt. # NATURES.018A AN09/852,155 Filed: 5/9/01

Pat. # \_\_\_\_\_ Issued: \_\_\_\_\_ Atty: MJK

Exr: \_\_\_\_\_ Art Unit: 3617 Batch: \_\_\_\_\_ Re-Exam # \_\_\_\_\_

Title: METHODS FOR CREATING Applicant: McCarthy

VERIFIED BY: Asst: I. Phillips Quality Control: MM

☒ Second Suppl. IDS

☒ Transmittal Sheet

☒ PTO Form 1449 w/2 refs

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